

Air Emission Event Report Database Incident 354013

Incident Tracking Number:	354013	Incident Status:	CLOSED		
Report Type:	FINAL	Report Date:	04/21/2021		
Name of Owner or Operator:	K-SOLV LP	CN:	CN602495640		
Regulated Entity Name:	K SOLV	RN:	RN100616721		
Physical Location:	1015 LAKESIDE DR; CHANNELVIEW, TX 77530				
County:	HARRIS				
Event/Activity Type:	EMISSIONS EVENT				
Date and Time Event Discovered or Scheduled Activity Start:	04/07/2021 03:48 PM				
Date and Time Event or Scheduled Activity Ended:	04/07/2021 06:30 PM				
Event Duration:	2 hours, 42 minutes				
Process Unit or Area Common Names					
Container Storage					
Facility Common Name			Facility Identification Number (FIN)		
Bay Storage			BS		
Outside Storage Warehouse			OSW		
1 - Emission Point Common Name:			Emission Point Number:		
Container Storage			CS		
List of Air Contaminant Compounds - 43 total					
Description	Est. Quantity/Opacity	Units	Emission Limit	Units	Authorization

2-Phosphono-1, 2, 4-Butanetricarboxylic Acid	78.0	POUNDS	0.0		None
4-Nonylphenol branched, ethoxylated	982.0	POUNDS	0.0		None
Alcohols	2632.0	POUNDS	0.0		None
Alkoxylated polyamine	8453.0	POUNDS	0.0		None
Base oil	1240.0	POUNDS	0.0		None
Benzyl Alcohol	7286.0	POUNDS	0.0		None
Butyl acetate	536.0	POUNDS	0.0		None
Butyl alcohol, tert-	5884.0	POUNDS	0.0		None
Diethanolamine	11550.0	POUNDS	0.0		None
distillate oil residue	21428.0	POUNDS	0.0		None
Dodecylbenzene sulfonic acid (DDBSA)	1005.0	POUNDS	0.0		None
Ethanol	763.0	POUNDS	0.0		None
Ethylenediamine	732.0	POUNDS	0.0		None
Glycol ethers	13704.0	POUNDS	0.0		None
Glycols	11256.0	POUNDS	0.0		None
Heptane,-n	3995.0	POUNDS	0.0		None
Hydrochloric acid	339.0	POUNDS	0.0		None
Isobutanol	2297.0	POUNDS	0.0		None
Isopropanol	9792.0	POUNDS	0.0		None
Methanol	412.0	POUNDS	0.0		None
Methyl Acetate	89.0	POUNDS	0.0		None
Methyl isobutyl carbinol	209.0	POUNDS	0.0		None
Methyl isobutyl ketone	4744.0	POUNDS	0.0		None
Methyl methacrylate	1872.0	POUNDS	0.0		None
Methylene chloride	2999.0	POUNDS	0.0		None
Mineral Spirits	175.0	POUNDS	0.0		None
Monoethanolamine	1402.0	POUNDS	0.0		None
N-Butyl alcohol	5255.0	POUNDS	0.0		None

N-Methyl-2-pyrrolidone	446.0	POUNDS	0.0		None
Naphtha	7083.0	POUNDS	0.0		None
Paraffins	726.0	POUNDS	0.0		None
Propan-2-ol, 1-methoxy-	91.0	POUNDS	0.0		None
Propanol, n-	3446.0	POUNDS	0.0		None
Propyl Acetate	1138.0	POUNDS	0.0		None
Propylene Carbonate	9676.0	POUNDS	0.0		None
Sorbitol	745.0	POUNDS	0.0		None
Tetrachloroethylene	10516.0	POUNDS	0.0		None
Tetrahydrofuran	394.0	POUNDS	0.0		None
Toluene	1228.0	POUNDS	0.0		None
Trichloroethylene	1539.0	POUNDS	0.0		None
Triethanolamine	3005.0	POUNDS	0.0		None
Turpentine	1852.0	POUNDS	0.0		None
Xylene	2067.0	POUNDS	0.0		None

Cause of Emission Event or Excess Opacity Event, or Reason for Scheduled Activity:

During transfer of a Toluene / Naptha Mixture to a container, a fire started that spread to the entire container storage area.

Actions Taken, or Being Taken, to Minimize Emissions And/or Correct the Situation:

Facility personnel notified 911 at approximately 15:51. K-Solv activated OMI Environmental Services to respond at approximately 15:55. Activation of OMI allowed for various emergency response entities to assist with mitigation and monitoring of the event, (CTEH for air monitoring) and boom placement to prevent any possible releases. Firefighting commenced immediately with local responders joined by community firefighters. The ditches and retention pond were blocked off to contain runoff from the event. After the fire was extinguished, efforts commenced to remove runoff from the containment areas via vacuum trucks to offsite disposal.

Basis Used to Determine Quantities and Any Additional Information Necessary to Evaluate the Event:

Emissions were calculated for the fire and spill release to air using conservative mass balance for materials noted in current container storage inventory record.

Initial Notification Date/Time:	04/08/2021 08:31 PM	Method:	STEERS
Notification Jurisdictions:	REGION 12 - HOUSTON		
Publication Status:	VERIFIED BY A CUSTOMER		